Water Portfolios

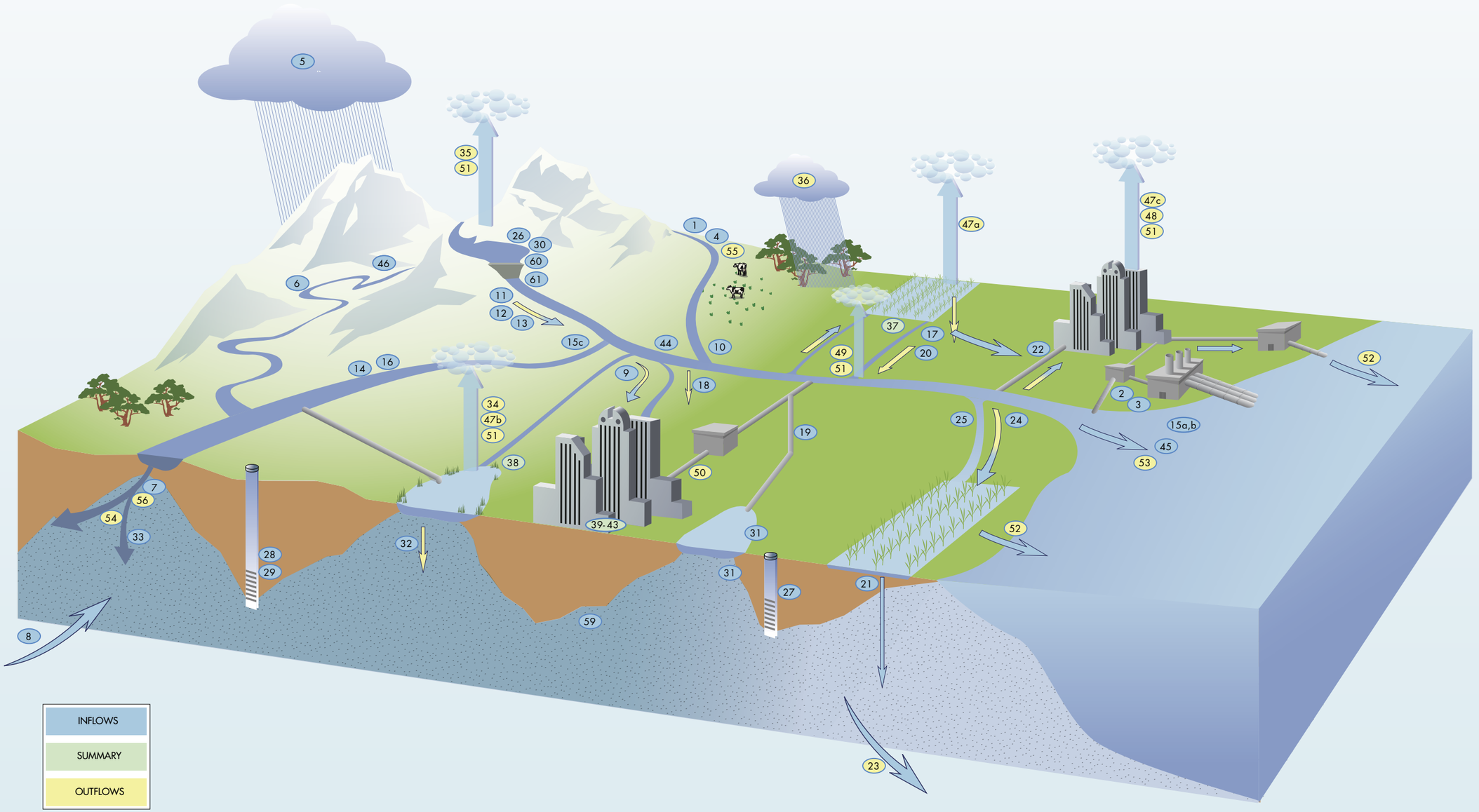
North Lahontan Hydrologic Region

Table 9-3 North Lahontan region water portfolio (TAF)

ID Number:	Flow Diagram Component (see legend)	North Lahontan 1998	North Lahontan 2000	North Lahontan 2001
1	Colorado River Deliveries	-	-	-
2	Total Desalination	-	-	-
3	Water from Refineries	-	-	-
4a	Inflow From Oregon	-	-	-
b	Inflow From Mexico	-	-	-
5	Precipitation	10,654.6	6,708.3	3,755.9
6a	Runoff - Natural	N/A	N/A	N/A
b	Runoff - Incidental	N/A	N/A	N/A
7	Total Groundwater Natural Recharge	N/A	N/A	N/A
8	Groundwater Subsurface Inflow			N/A
9	Local Deliveries	501.1	464.6	381.9
10	Local Imports	0.3	0.3	0.3
11a	Central Valley Project :: Base Deliveries	-	-	-
b	Central Valley Project :: Project Deliveries	-	-	-
12	Other Federal Deliveries	-	-	-
13	State Water Project Deliveries	-	-	-
14a	Water Transfers - Regional	-	-	-
b	Water Transfers - Imported	-	-	-
15a	Releases for Delta Outflow - CVP			
b	Releases for Delta Outflow - SWP			
c	Instream Flow Applied Water	84.6	85.0	84.5
16	Environmental Water Account Releases	-	-	-
17a	Conveyance Return Flows to Developed Supply - Urban	-	-	-
b	Conveyance Return Flows to Developed Supply - Ag	-	-	-
c	Conveyance Return Flows to Developed Supply - Managed Wetlands	-	-	-
18a	Conveyance Seepage - Urban	-	-	-
b	Conveyance Seepage - Ag	5.8	3.6	2.1
c	Conveyance Seepage - Managed Wetlands	-	-	-
19a	Recycled Water - Agriculture	5.0	5.0	5.0
b	Recycled Water - Urban	-	-	-
c	Recycled Water - Groundwater	-	-	-
20a	Return Flow to Developed Supply - Ag	-	-	-
b	Return Flow to Developed Supply - Wetlands	-	-	-
c	Return Flow to Developed Supply - Urban	-	-	-
21a	Deep Percolation of Applied Water - Ag	19.8	28.9	29.3
b	Deep Percolation of Applied Water - Wetlands	0.3	0.4	0.3
c	Deep Percolation of Applied Water - Urban	12.8	13.3	12.6
22a	Reuse of Return Flows within Region - Ag	27.9	36.2	30.8
b	Reuse of Return Flows within Region - Wetlands, Instream, W&S	313.5	181.9	126.9
24a	Return Flow for Delta Outflow - Ag	-	-	-
b	Return Flow for Delta Outflow - Wetlands, Instream, W&S	-	-	-
c	Return Flow for Delta Outflow - Urban Wastewater	-	-	-
25	Direct Diversions		N/A	N/A
26	Surface Water in Storage - Beg of Yr	853.2	903.5	837.6
27	Groundwater Extractions - Banked	-	-	-
28	Groundwater Extractions - Adjudicated	-	-	-
29	Groundwater Extractions - Unadjudicated	88.8	162.0	183.8
23	Groundwater Subsurface Outflow	N/A	N/A	N/A
30	Surface Water Storage - End of Yr	1,000.0	837.6	407.8
31	Groundwater Recharge-Contract Banking	-	-	-
32	Groundwater Recharge-Adjudicated Basins	-	-	-
33	Groundwater Recharge-Unadjudicated Basins	-	-	-
34a	Evaporation and Evapotranspiration from Native Vegetation	N/A	N/A	N/A
b	Evaporation and Evapotranspiration from Unirrigated Ag	N/A	N/A	N/A
35a	Evaporation from Lakes	294.6	313.6	317.6
b	Evaporation from Reservoirs	175.5	213.7	267.6
36	Ag Effective Precipitation on Irrigated Lands	62.6	32.5	12.2
37	Agricultural Water Use	374.8	457.6	428.4
38	Managed Wetlands Water Use	18.7	25.9	20.5
39a	Urban Residential Use - Single Family - Interior	3.2	4.3	3.6
b	Urban Residential Use - Single Family - Exterior	5.2	5.0	5.8
c	Urban Residential Use - Multi-family - Interior	4.0	4.3	4.6
d	Urban Residential Use - Multi-family - Exterior	1.0	1.1	1.2
40	Urban Commercial Use	8.3	9.0	8.5
41	Urban Industrial Use	14.3	14.3	14.4
42	Urban Large Landscape	2.2	2.4	2.5
43	Urban Energy Production	-	-	-
44	Instream Flow	84.6	85	84.5
45	Required Delta Outflow	-	-	-
46	Wild and Scenic Rivers	95.6	56.2	28.7
47a	Evapotranspiration of Applied Water - Ag	241.1	298.2	281.1
b	Evapotranspiration of Applied Water - Managed Wetlands	13.2	19.8	16.9
c	Evapotranspiration of Applied Water - Urban	8.6	8.5	9.2
48	Evaporation and Evapotranspiration from Urban Wastewater	-	-	-
49	Return Flows Evaporation and Evapotranspiration - Ag	19.5	20.2	12.5
50	Urban Waste Water Produced	25.1	27	27.1
51a	Conveyance Evaporation and Evapotranspiration - Urban	-	-	-
b	Conveyance Evaporation and Evapotranspiration - Ag	2.3	1.7	1
c	Conveyance Evaporation and Evapotranspiration - Managed Wetlands	0.2	0.3	0.2
d	Conveyance Outflow to Mexico	N/A		
52a	Return Flows to Salt Sink - Ag	68	75.2	74.7
b	Return Flows to Salt Sink - Urban	15.3	16.6	16.9
c	Return Flows to Salt Sink - Wetlands	-	0.6	-
53	Remaining Natural Runoff - Flows to Salt Sink	180.2	141.2	113.2
54a	Outflow to Nevada	1390.6	753.9	551.9
b	Outflow to Oregon	-	-	-
c	Outflow to Mexico	-	-	-
55	Regional Imports	3.0	3.3	3.3
56	Regional Exports	11.9	11.8	10
59	Groundwater Net Change in Storage	9.8	-41.5	-107.2
60	Surface Water Net Change in Storage	146.8	-65.9	-429.8
61	Surface Water Total Available Storage	1,181.2	1,181.2	1,181.2

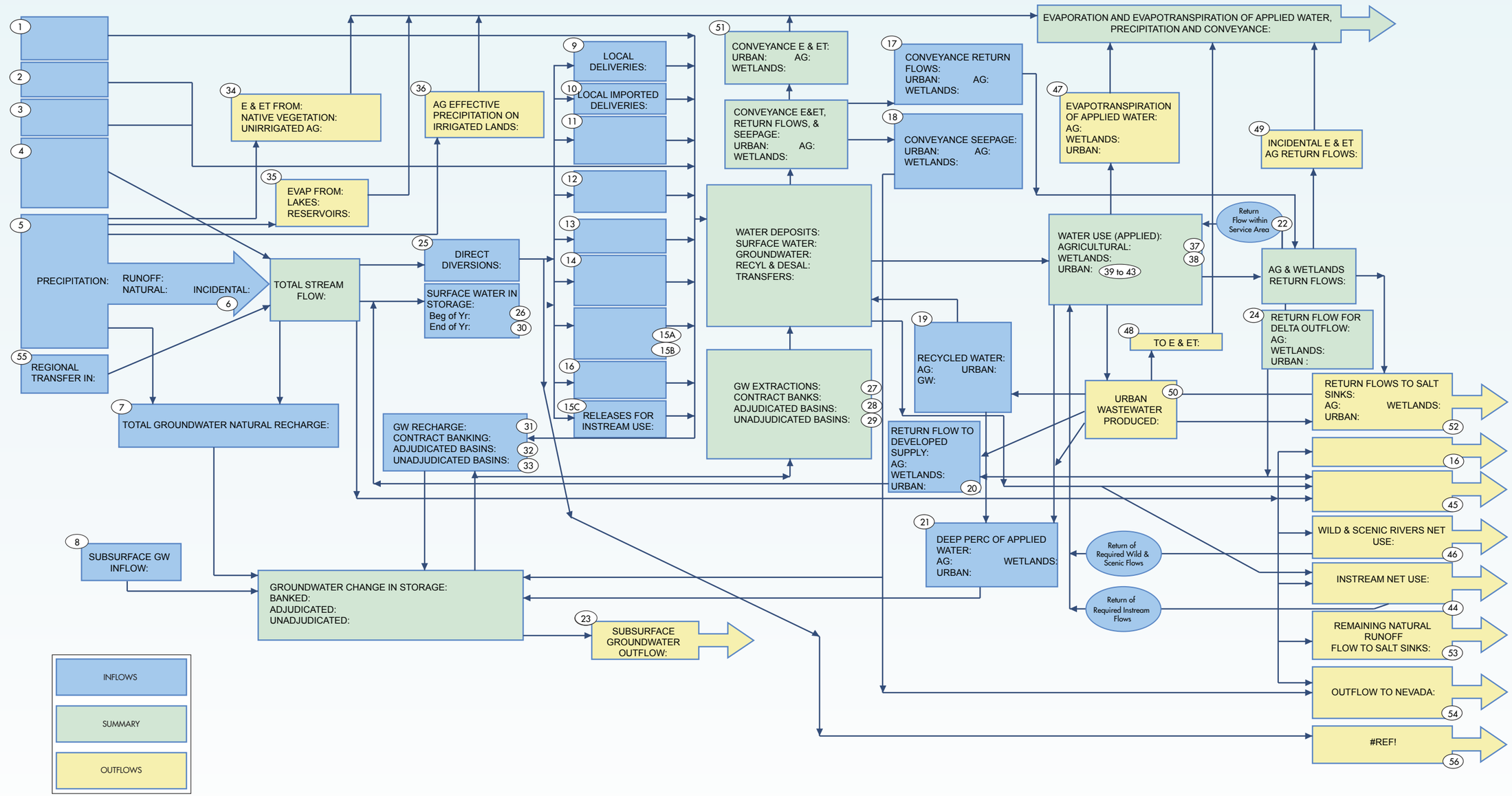
Inflows Outflows Green number signifies included in summary boxes

Figure 9-4 North Lahontan region - illustrated water flow diagram



In this illustration of Table 9-3, key components of the flow diagram are shown as characteristic elements of the hydrologic cycle. Circled numbers correspond to the identification number of flow diagram components in the table; its color indicates whether the component is water input, output, or summary.

Figure 9-5 North Lahontan region - schematic flow diagram



In schematic of Table 9-3, key components of the flow diagram are shown as boxes and connectors in a flow chart. Circled numbers correspond to the identification number of flow diagram components in the table; box color indicates whether the component is water input, output or summary. Blank boxes are flow diagram components not relevant to the region.